

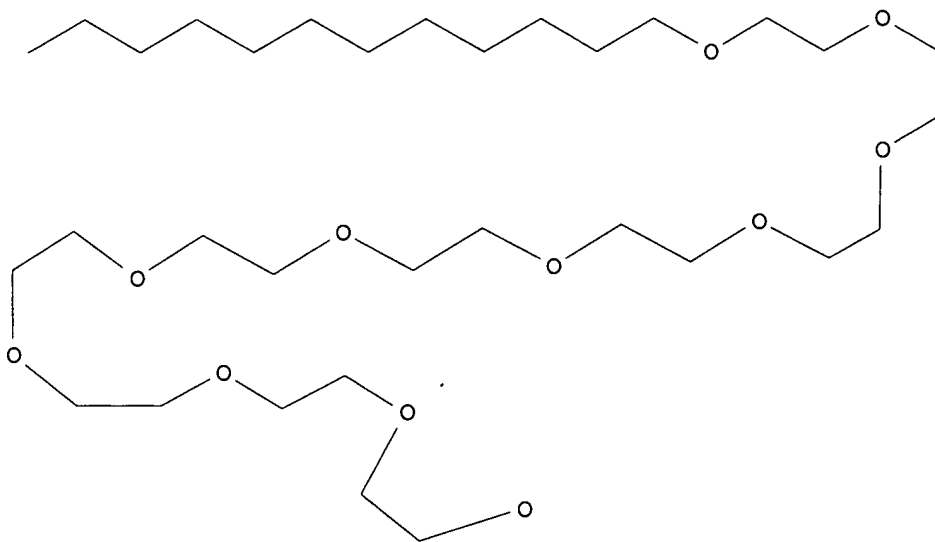
WEST Search History

DATE: Thursday, June 08, 2006

Hide?	Set Name	Query	Hit Count
	<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L16	510560.ap.	5
<input type="checkbox"/>	L15	L14	3
	<i>DB=USPT; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L14	510560.ap.	3
<input type="checkbox"/>	L13	magnesium stearate same blend same drug same tablet	110
<input type="checkbox"/>	L12	magnesium stearage same blend same active	2
<input type="checkbox"/>	L11	magnesium stearage same blend same drug	0
<input type="checkbox"/>	L10	magnesium stearage same blend same tablet	0
<input type="checkbox"/>	L9	magnesium stearage same blend same drug same tablet	0
<input type="checkbox"/>	L8	5879706.pn.	1
<input type="checkbox"/>	L7	l5 and magnesium stearate	42
<input type="checkbox"/>	L6	L5 and (fatty acid salt same (lumping or clumping))	2
<input type="checkbox"/>	L5	l3 and blend\$	428
<input type="checkbox"/>	L4	fatty acid salt same (drug or active) same blend\$	23
<input type="checkbox"/>	L3	fatty acid salt same (drug or active)	1268
	<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L2	fatty acid salt and (drug or active)	8197
<input type="checkbox"/>	L1	fatty acid salt	11884

END OF SEARCH HISTORY

Beilstein Records (BRN):	1896787
Beilstein Pref. RN (BPR):	6540-99-4
CAS Reg. No. (RN):	6540-99-4
Chemical Name (CN):	2-<2-<2- (2-<2-<2- (2-<2-<2- (2-dodecyloxy-ethoxy)-ethoxy>-ethoxy>-ethoxy>-ethoxy>-ethoxy>-ethoxy>-ethoxy>-ethoxy>-ethanol
Autonom Name (AUN):	2-<2-<2- (2-<2-<2- (2-<2-<2- (2-dodecyloxy-ethoxy)-ethoxy>-ethoxy>-ethoxy>-ethoxy>-ethoxy>-ethoxy>-ethoxy>-ethoxy>-ethanol
Molec. Formula (MF):	C32 H66 O11
Molecular Weight (MW):	626.87
Lawson Number (LN):	514, 380
Compound Type (CTYPE):	acyclic
Constitution ID (CONSID):	1742907
Tautomer ID (TAUTID):	1811816
Beilstein Citation (BSO):	5-01, 6-01
Entry Date (DED):	1989/06/29
Update Date (DUPD):	2005/01/21



Field Availability:

Code	Name	Occurrence
BRN	Beilstein Records	1
BPR	Beilstein Preferred RN	1
RN	CAS Registry Number	1
CN	Chemical Name	1
AUN	Autonomname	1
MF	Molecular Formula	1
FW	Formular Weight	1
LN	Lawson Number	2
CTYPE	Compound Type	1
CONSID	Constitution ID	1
TAUTID	Tautomer ID	1
BSQ	Beilstein Citation	2

DED	Entry Date	1
DUPD	Update Date	1
ASSM	Association (MCS)	8
BSPM	Boundary Surface Phenomena (MCS)	9
CMC	Critical Micelle Concentration (MCS)	19
ECDP	Abiotic Degradation, Photolysis	1
ECTOX	Ecotoxicology	3
FINFO	Further Information	2
IR	Infrared Spectrum	2
MP	Melting Point	3
MS	Mass Spectrum	1
PHARM	Pharmacological Data	3
RI	Refractive Index	3
SOLM	Solution Behaviour (MCS)	1
ST	Surface Tension	1
TRAM	Transport Phenomena (MCS)	1

This substance also occurs in Reaction Documents:

Code	Name	Occurrence
=====		
RX	Reaction Documents	2
RXPRO	Substance is Reaction Product	2

Further Information:

FINFO

Reference(s):

1. Tokiwa, J.Phys.Chem., CODEN: JPCHAX, 72, <1968>, 1214

FINFO

Reference(s):

1. Meguro et al., Bull.Chem.Soc.Jpn., CODEN: BCSJA8, 40, <1967>, 2675,2678
2. Ginn; Harris, J.Am.Oil Chem.Soc., CODEN: JAOCA7, 38, <1961>, 605,607,608

Surface Tension:

Value	Temp.	Ref.
(ST)	(.T)	
(g/s**2)	(Cel)	
=====		
29.5	20	1

Reference(s):

1. Walters, K. A.; Dugard, P. H.; Florence, A. T., J.Pharm.Pharmacol., CODEN: JPPMAB, 33, <1981>, 207-213; BABS-5807590

Refractive Index:

Value	Temp.	Wavelen.	Ref.
(RI)	(.T)	(.W)	
(--)	(Cel)	(nm)	
=====			
1.453	40	589	1
1.4492	50	589	2
1.4505	50	589	3

Reference(s):

1. Gerhardt et al., J.Am.Oil Chem.Soc., CODEN: JAOCA7, 51, <1974>, 479
2. Mulley,B.A.; Winfield,A.J., J.Chem.Soc.A, CODEN: JCSIAP, <1970>, 1459-1464
3. Schuering; Ziegenbein, Tenside, CODEN: TESDAW, 4, <1967>, 161,162,163

Melting Point:

Value (MP) (Cel)	Ref.
=====+=====	
40	1
36.5	2
32.2 - 35.6	3

Reference(s):

1. Schuering, Ziegenbein, Tenside, CODEN: TESDAW, 4, <1967>, 161,162,163
2. Mulley,B.A.; Winfield,A.J., J.Chem.Soc.A, CODEN: JCSIAP, <1970>, 1459-1464
3. Gerhardt et al., J.Am.Oil Chem.Soc., CODEN: JAOCA7, 51, <1974>, 479

Infrared Spectrum:

Descript ion (.KW)	Solvent (.SOL)	Ref.
=====+=====+=====		
Spectrum	film	1
IR		2

Reference(s):

1. Celik, Oezguer; Dag, Oemer, Angew.Chem.Int.Ed., CODEN: ACIEF5, 40(20), <2001>, 3800 - 3803, Angew.Chem., CODEN: ANCEAD, 113, <2001>, 3916 - 3919; BABS-6320711
2. Schuering; Ziegenbein, Tenside, CODEN: TESDAW, 4, <1967>, 161,162,163

Mass Spectrum:

MS

Description (.KW): spectrum, fast atom bombardment (FAB)

Reference(s):

1. Paune, F.; Caixach, J.; Espadaler, I.; Om, J.; Rivera, J., Water Res., CODEN: WATRAG, 32(11), <1998>, 3313 - 3324; BABS-6182893

Castor Oil-Based Emulsifiers

Lambent's castor oil-based emulsifiers offer emulsification, conditioning, and solubilization properties to personal care formulations. These castor oil derivatives are resistant to hydrolysis and enhance the gelling properties of other surfactants in water-in-oil emulsions.

Product	INCI Name	Appearance	HLB*
LUMULSE CO-5	PEG-5 Castor Oil	Liquid	4.0
LUMULSE CO-25	PEG-25 Castor Oil	Liquid	10.8
LUMULSE HCO-25	PEG-25 Hydrogenated Castor Oil	Liquid	10.8
LUMULSE CO-40	PEG-40 Castor Oil	Liquid	13.0
LUMULSE HCO-40	PEG-40 Hydrogenated Castor Oil	Soft Solid	14.0
LUMULSE HCO-50	PEG-50 Hydrogenated Castor Oil	Soft Solid	14.1

Multifunctional Glycerol Esters

Lambent's glycerol esters are effective emulsifiers, emollients, and opacifiers. Like PEG esters, glycerol esters are critical components in a range of personal care formulations that include bath oils, creams, lotions, antiperspirants, hair care products, and sunscreens because of their dual emulsification and emollient nature.

Product	INCI Name	Appearance	HLB*
LUMULSE GMR K	Glyceryl Ricinoleate	Amber Liquid	2.6
LUMULSE GMO K	Glyceryl Oleate	Amber Liquid	2.8
LUMULSE GMS K	Glyceryl Stearate	White Flakes	4.0
LUMULSE GML K	Glyceryl Laurate	Cream Paste	5.2
LUMULSE GMS-A	Glyceryl Stearate and PEG-100 Stearate	White Flakes	11.0
LUMULSE POE (7) GML	PEG-7 Glyceryl Cocoate	Viscous Liquid	13.0
LUMULSE POE (20) GMS K	PEG-20 Glyceryl Stearate	White Flakes	13.5

Ethoxylated Alcohols and Ethoxylated Glycerine

Lambent offers the formulator a variety of ethoxylated alcohols and ethoxylated glycerine to assist in solving "stabilization" problems. These surfactants exhibit a large range in HLB values and are compatible with anionic, cationic, and amphoteric surfactants to aid in formulating complicated emulsions. Ethoxylated alcohols are considered mild and may be used as components in antiperspirants, shampoos, creams, lotions, and other topical products. Lambent's ethoxylated glycerine compounds are excellent foam stabilizers, humectants, and pigment dispersants.

Product	INCI Name	Appearance	HLB*
LUMULSE L-4	Laureth-4	Liquid	9.5
LUMULSE L-12	Laureth-12	Solid	14.5
LUMULSE CS-20	Ceteareth-20	Solid	15.2
LUMULSE L-23	Laureth-23	Solid	16.7
LUMULSE POE (26) Glycerine	Glycereth-26	Liquid	18.4

Other Specialties

Lambent offers a variety of unique products that can lead to unique formulations. These specialty materials can be used as emollients, emulsifiers, and serve other functions as described below.

Product	Description	Applications
LUMULSE CC-22 K	Propylene Glycol Dicaprylate / Dicaprate	Emollient, solubilizer, oxidatively stable
LUMULSE CC-33 K	Capric / Caprylic Triglyceride	Emollient, solubilizer, oxidatively stable
LAMCHEM™ PE-130 K	Monosodium phosphated mono- and diglycerides	Emollient, emulsifier
ERUCICAL® EG-20	Long-chain liquid wax ester	Emollient, jojoba oil extender
OLEOCAL® C-105 K	~85% Oleic Canola Oil	Oxidatively stable emollient and solubilizer

For further product information, recommendations, samples, or technical service, contact your Lambent representative or customer service at:

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Fax: (847) 249-6792

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Visit our website at www.lambentcorp.com

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 **Lambent**
TECHNOLOGIES
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Product Info	Material Safety Data Sheets
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817081 Sodium caprylate
Ph Eur

Quick access to...

Synonyms Octanoic acid sodium salt, Sodium caprylate

Formula Hill $C_8H_{15}NaO_2$

Chemical formula $CH_3(CH_2)_6COONa$

Hazard Symbol



Xi

At a glance

R Phrase	R 36/38	HS Code	2915 90 80
RTECS	RH0787000	EC number	217-850-5
Molar mass	166.20 g/mol	WGK	1 (slightly polluting substance)
Storage class (VCI)	10-13 Other liquids and solids	CAS number	1984-06-1

Ordering number	Package	Size
8.17081.1000	Plastic bottle	1 kg

Chemical and physical data

Formula Hill	$C_8H_{15}NaO_2$	Chemical formula	$CH_3(CH_2)_6COONa$
Solubility in water	(20 °C) freely soluble	Melting point	> 225 °C
Molar mass	166.20 g/mol	pH value	8.0 - 10.5 (100 g/l, H_2O , 20 °C)

Safety information

R Phrase R 36/38
Irritating to eyes and skin.

Categories of danger irritant

Hazard Symbol



Xi Irritant

WGK 1 (slightly polluting substance)

Disposal 3
Relatively unreactive organic reagents should be collected in Category A. If halogenated, they should be placed in Category B. For solid residues use Category C.

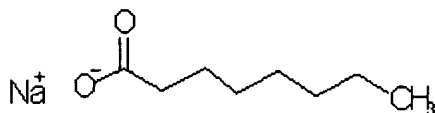
Storage and Transport

HS Code	2915 90 80	Storage class (VCI)	10-13 Other liquids and solids
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WGK 1 (slightly polluting substance)

Specification

Appearance	Almost white fine cristal powder
Appearance of solution (10 %; water)	Clear and colorless to almsot colorless.
Assay (Perchloric acid titration, calc. on anhydrous substance)	99.0 - 101.0 %
Related substances	passes test
Identity	passes test
Water (according to Karl Fischer)	≤ 3.0 %
Heavy metals (as Pb)	≤ 0.001 %
pH-value (10 %; water)	8.0 - 10.5
Residual solvents (according to Ph. Eur./ICH)	excluded by production process
Endotoxines	≤ 20 U/g
Corresponds Pha Eur	



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